Construction Materials Table 2
Brown County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ab:							
Aberdeen	50	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.80	Too Clayey	0.00
		Low content of organic matter	0.50			Sodium content	0.98
		Water erosion	0.90				
		Sodium content	0.97				
Nahon	30	Fair		Not Rated		Poor	
		Too clayey	0.02	Shrink-swell	0.45	Salinity	0.00
		Low content of organic matter	0.12			Too Clayey	0.01
		Salinity	0.88			Sodium content	0.22
		Water erosion	0.90				
		Sodium content	0.97				
Ac:							
Aberdeen	50	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.80	Too Clayey	0.00
		Low content of organic matter	0.50			Sodium content	0.98
		Water erosion	0.90				
		Sodium content	0.97				
Nahon	35	Fair		Not Rated		Poor	
		Too clayey	0.02	Shrink-swell	0.45	Salinity	0.00
		Low content of organic matter	0.12			Too Clayey	0.01
		Salinity	0.88			Sodium content	0.22
		Water erosion	0.90				
		Sodium content	0.97				
Ad:							
Aberdeen	50	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.80	Too Clayey	0.00
		Low content of organic matter	0.50			Sodium content	0.98
		Water erosion	0.90				
		Sodium content	0.97				
Urban Land	30	Not rated		Not rated		Not rated	

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ar:							
Arveson	85	Fair		Not Rated		Poor	
		Too sandy	0.50	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.80			Too sandy	0.50
		Low content of organic matter	0.88				
BaD:							
Barnes	60	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Slope	0.63
		Carbonate content	0.92			Carbonate content	0.92
		Water erosion	0.99				
Buse	25	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Slope	0.04
		Carbonate content	0.46				
		Water erosion	0.99				
BbC:							
Barnes	45	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Buse	25	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.87		
		Carbonate content	0.46				
		Water erosion	0.99				
Svea	15	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.92		
		Carbonate content	0.97				
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BcA:							
Barnes	55	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Cavour	25	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.64	Too Clayey	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.50			Sodium content	0.90
		Sodium content	0.90				
		Carbonate content	0.99				
		Water erosion	0.99				
BcB:							
Barnes	55	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Cavour	25	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.64	Too Clayey	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.50			Sodium content	0.90
		Sodium content	0.90				
		Carbonate content	0.99				
		Water erosion	0.99				
BdA:							
Barnes	50	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Tonka	15	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BdB:							
Barnes	50	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Cresbard	25	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.69		
		Sodium content	0.90				
		Water erosion	0.99				
Tonka	15	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00
BeA:							
Barnes	45	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Ferney	20	Poor		Not Rated		Poor	
		Sodium content	0.00	Shrink-swell	0.12	Sodium content	0.00
		Too clayey	0.00			Too Clayey	0.00
		Low content of organic matter	0.50			Salinity	0.00
		Salinity	0.88				
		Carbonate content	0.92				
Tonka	15	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00
BfA:							
Barnes	50	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hamerly	30	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Carbonate content	0.80
		Carbonate content	0.80	Depth to saturated zone	0.91	Depth to saturated zone	0.91
		Water erosion	0.99				
Tonka	15	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00
BgC:							
Barnes	35	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Kranzburg	30	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Carbonate content	0.92				
		Water erosion	0.99				
Buse	20	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.87		
		Carbonate content	0.46				
		Water erosion	0.99				
BhA:							
Barnes	60	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Svea	25	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.92		
		Carbonate content	0.97				
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BhB:							
Barnes	60	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Svea	25	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.92		
		Carbonate content	0.97				
		Water erosion	0.99				
BkA:							
Barnes	40	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Svea	25	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.92		
		Carbonate content	0.97				
		Water erosion	0.99				
Tonka	15	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00
BkB:							
Barnes	40	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Svea	25	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.92		
		Carbonate content	0.97				
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Tonka	15	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00
BmB:							
Barnes	50	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Tally	25	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
BnA:							
Barnes	50	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.92
		Carbonate content	0.92				
		Water erosion	0.99				
Urban Land	30	Not rated		Not rated		Not rated	
Bo:							
Bearden	85	Fair		Not Rated		Fair	
		Carbonate content	0.46	Shrink-swell	0.87	Carbonate content	0.46
		Low content of organic matter	0.50	Depth to saturated zone	0.91	Depth to saturated zone	0.91
		Water erosion	0.90				
Bp:							
Bearden	90	Fair		Not Rated		Poor	
		Carbonate content	0.46	Shrink-swell	0.87	Salinity	0.00
		Low content of organic matter	0.50	Depth to saturated zone	0.91	Carbonate content	0.46
		Salinity	0.88			Depth to saturated zone	0.91
		Water erosion	0.90				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BrB:							
Bearden	50	Fair		Not Rated		Fair	
		Carbonate content	0.46	Shrink-swell	0.87	Carbonate content	0.46
		Low content of organic matter	0.50	Depth to saturated zone	0.91	Depth to saturated zone	0.91
		Water erosion	0.90				
Huffton	40	Fair		Not Rated		Poor	
		Low content of organic matter	0.12			Salinity	0.00
		Carbonate content	0.46			Carbonate content	0.46
		Salinity	0.88			Sodium content	0.90
		Water erosion	0.90				
		Sodium content	0.90				
BsB:							
Bearden	45	Fair		Not Rated		Poor	
		Carbonate content	0.46	Shrink-swell	0.87	Salinity	0.00
		Low content of organic matter	0.50	Depth to saturated zone	0.91	Carbonate content	0.46
		Salinity	0.88			Depth to saturated zone	0.91
		Water erosion	0.90				
Huffton	25	Fair		Not Rated		Poor	
		Low content of organic matter	0.12			Salinity	0.00
		Carbonate content	0.46			Carbonate content	0.46
		Salinity	0.88			Sodium content	0.90
		Water erosion	0.90				
		Sodium content	0.90				
Putney	15	Fair		Not Rated		Poor	
		Salinity	0.50			Salinity	0.00
		Carbonate content	0.68			Carbonate content	0.92
		Water erosion	0.90				
Bt:							
Beotia	85	Fair		Not Rated		Fair	
		Carbonate content	0.92	Shrink-swell	0.89	Carbonate content	0.92
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Bv:							
Beotia	50	Fair		Not Rated		Fair	
		Carbonate content	0.92	Shrink-swell	0.89	Carbonate content	0.92
		Water erosion	0.99				
Rondell	30	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Carbonate content	0.32
		Carbonate content	0.32				
		Water erosion	0.90				
Bw:							
Beotia	45	Fair		Not Rated		Fair	
		Carbonate content	0.92	Shrink-swell	0.89	Carbonate content	0.92
		Water erosion	0.99				
Urban Land	35	Not rated		Not rated		Not rated	
Bx:							
Beotia	65	Fair		Not Rated		Fair	
		Carbonate content	0.92	Shrink-swell	0.89	Carbonate content	0.92
		Water erosion	0.99				
Winship	20	Fair		Not Rated		Fair	
		Water erosion	0.99	Depth to saturated zone	0.91	Depth to saturated zone	0.91
				Shrink-swell	0.97		
By:							
Borup	85	Fair		Not Rated		Poor	
		Carbonate content	0.46	Depth to saturated zone	0.00	Depth to saturated zone	0.00
						Carbonate content	0.46
Bz:							
Borup	85	Fair		Not Rated		Poor	
		Carbonate content	0.46	Depth to saturated zone	0.00	Salinity	0.00
		Salinity	0.88			Depth to saturated zone	0.00
						Carbonate content	0.46

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BzGA:							
Brantford Variant---	85	Fair		Not Rated		Poor	
		Low content of organic matter	0.50	Shrink-swell	0.99	Rock fragments	0.00
						Hard to reclaim	0.00
BzHB:							
Brantford Variant---	45	Fair		Not Rated		Poor	
		Low content of organic matter	0.50	Shrink-swell	0.99	Rock fragments	0.00
						Hard to reclaim	0.00
Vang----------	35	Fair		Not Rated		Fair	
		Low content of organic matter	0.88			Hard to reclaim	0.02
						Rock fragments	0.12
						Hard to reclaim	0.90
BzVE:							
Buse----------	45	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Slope	0.50	Slope	0.00
		Carbonate content	0.46	Shrink-swell	0.87		
		Water erosion	0.99				
Barnes----------	40	Fair		Not Rated		Poor	
		Low content of organic matter	0.50	Shrink-swell	0.87	Slope	0.00
		Carbonate content	0.92	Slope	0.92	Carbonate content	0.92
		Water erosion	0.99				
Ca:							
Camtown----------	50	Poor		Not Rated		Poor	
		Sodium content	0.00	Depth to saturated zone	0.76	Sodium content	0.00
		Low content of organic matter	0.12			Salinity	0.50
		Water erosion	0.90			Depth to saturated zone	0.76

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Turton	30	Poor		Not Rated		Poor	
		Sodium content	0.00	Depth to saturated zone	0.91	Sodium content	0.00
		Too alkaline	0.00	Shrink-swell	0.99	Salinity	0.00
		Low content of organic matter	0.50			Depth to saturated zone	0.91
		Salinity	0.88				
		Carbonate content	0.92				
		Water erosion	0.99				
Cb:							
Camtown	50	Poor		Not Rated		Poor	
		Sodium content	0.00			Sodium content	0.00
		Low content of organic matter	0.12			Salinity	0.50
		Water erosion	0.90				
Turton	30	Poor		Not Rated		Poor	
		Sodium content	0.00	Shrink-swell	0.99	Sodium content	0.00
		Too alkaline	0.00			Salinity	0.00
		Low content of organic matter	0.50				
		Salinity	0.88				
		Carbonate content	0.92				
		Water erosion	0.99				
Cd:							
Cavour	60	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.64	Too Clayey	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.50			Sodium content	0.90
		Sodium content	0.90				
		Carbonate content	0.99				
		Water erosion	0.99				
Cresbard	25	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.69		
		Sodium content	0.90				
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Cf:							
Cavour	50	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.64	Too Clayey	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.50			Sodium content	0.90
		Sodium content	0.90				
		Carbonate content	0.99				
		Water erosion	0.99				
Ferney	35	Poor		Not Rated		Poor	
		Sodium content	0.00	Shrink-swell	0.12	Sodium content	0.00
		Too clayey	0.00			Too Clayey	0.00
		Low content of organic matter	0.50			Salinity	0.00
		Salinity	0.88				
		Carbonate content	0.92				
Cm:							
Colvin	85	Fair		Not Rated		Poor	
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.80	Shrink-swell	0.92	Salinity	0.00
		Salinity	0.88			Sodium content	0.98
		Water erosion	0.90				
		Sodium content	0.97				
Cn:							
Colvin	85	Fair		Not Rated		Poor	
		Carbonate content	0.46	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.50	Shrink-swell	0.87	Sodium content	0.98
		Water erosion	0.90				
		Sodium content	0.97				
Cp:							
Colvin	85	Fair		Not Rated		Poor	
		Carbonate content	0.46	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.50	Shrink-swell	0.87	Sodium content	0.98
		Water erosion	0.90				
		Sodium content	0.97				

Construction Materials Table 2
Brown County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Cs:							
Colvin	85	Fair		Not Rated		Poor	
		Carbonate content	0.46	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.50	Shrink-swell	0.87	Sodium content	0.98
		Water erosion	0.90				
		Sodium content	0.97				
Cv:							
Cresbard	50	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.69		
		Sodium content	0.90				
		Water erosion	0.99				
Cavour	40	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.64	Too Clayey	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.50			Sodium content	0.90
		Sodium content	0.90				
		Carbonate content	0.99				
		Water erosion	0.99				
DaA:							
Daglum	50	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.49	Salinity	0.00
		Sodium content	0.00	Depth to bedrock	0.58	Too Clayey	0.00
		Low content of organic matter	0.50			Sodium content	0.02
		Salinity	0.50				
		Droughty	0.97				
Rhoades	35	Poor		Not Rated		Poor	
		Sodium content	0.00	Depth to bedrock	0.00	Salinity	0.00
		Low content of organic matter	0.50	Shrink-swell	0.12	Too Clayey	0.57
		Salinity	0.50				
		Droughty	0.53				
		Too clayey	0.88				

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Brown County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Do:							
Dovray	90	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Water erosion	0.99	Shrink-swell	0.12	Depth to saturated zone	0.00
Dv:							
Dovray Variant	90	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.12	Too Clayey	0.00
				Depth to saturated zone	0.91	Depth to saturated zone	0.91
EcA:							
Eckman	85	Fair		Not Rated		Good	
		Water erosion	0.90				
EdB:							
Eckman	55	Fair		Not Rated		Good	
		Water erosion	0.90				
Gardena	30	Fair		Not Rated		Good	
		Water erosion	0.90				
EeB:							
Eckman	65	Fair		Not Rated		Good	
		Water erosion	0.90				
Zell	25	Fair		Not Rated		Good	
		Low content of organic matter	0.12				
		Water erosion	0.90				
		Carbonate content	0.97				
EgB:							
Edgeley	50	Fair		Not Rated		Fair	
		Droughty	0.35	Depth to bedrock	0.00	Depth to bedrock	0.58
		Depth to bedrock	0.58	No shrink-swell limitation	0.99	Rock fragments	0.97
		Water erosion	0.99				
Kloten	35	Poor		Not Rated		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Depth to bedrock	0.00
		Depth to bedrock	0.00	Shrink-swell	0.87		

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EhA:							
Egeland	90	Fair		Not Rated		Good	
		Low content of organic matter	0.12				
EkB:							
Egeland	50	Fair		Not Rated		Good	
		Low content of organic matter	0.12				
Embden	35	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
Em:							
Embden	90	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
Et:							
Embden	65	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
Tiffany	25	Good		Not Rated		Poor	
				Depth to saturated zone	0.00	Depth to saturated zone	0.00
Ex:							
Exline	40	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.51	Too Clayey	0.00
		Sodium content	0.00	Depth to saturated zone	0.91	Sodium content	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.88			Depth to saturated zone	0.91
		Water erosion	0.90				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Aberdeen	25	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.80	Too Clayey	0.00
		Low content of organic matter	0.50			Sodium content	0.98
		Water erosion	0.90				
		Sodium content	0.97				
Nahon	25	Fair		Not Rated		Poor	
		Too clayey	0.02	Shrink-swell	0.45	Salinity	0.00
		Low content of organic matter	0.12			Too Clayey	0.01
		Salinity	0.88			Sodium content	0.22
		Water erosion	0.90				
		Sodium content	0.97				
EyA:							
Exline	45	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.51	Too Clayey	0.00
		Sodium content	0.00			Sodium content	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.88				
		Water erosion	0.90				
Putney	35	Fair		Not Rated		Poor	
		Salinity	0.50			Salinity	0.00
		Carbonate content	0.68			Carbonate content	0.92
		Water erosion	0.90				
Fe:							
Ferney	55	Poor		Not Rated		Poor	
		Sodium content	0.00	Shrink-swell	0.12	Sodium content	0.00
		Too clayey	0.00	Depth to saturated zone	0.91	Too Clayey	0.00
		Low content of organic matter	0.50			Salinity	0.00
		Salinity	0.88			Depth to saturated zone	0.91
		Carbonate content	0.92				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Heil	30	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too clayey	0.50	Shrink-swell	0.12	Salinity	0.00
		Salinity	0.88			Too Clayey	0.29
		Water erosion	0.99				
Fo:							
Fordville	85	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Hard to reclaim	0.18
FsA:							
Forman	45	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Carbonate content	0.97
		Carbonate content	0.97				
		Water erosion	0.99				
Aastad	40	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Too Clayey	0.95
		Too clayey	0.95				
		Carbonate content	0.97				
		Water erosion	0.99				
FsB:							
Forman	60	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Carbonate content	0.97
		Carbonate content	0.97				
		Water erosion	0.99				
Aastad	25	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Too Clayey	0.95
		Too clayey	0.95				
		Carbonate content	0.97				
		Water erosion	0.99				

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Brown County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FtC:							
Forman	50	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Carbonate content	0.97
		Carbonate content	0.97				
		Water erosion	0.99				
Buse	25	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.87		
		Carbonate content	0.46				
		Water erosion	0.99				
Aastad	15	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Too Clayey	0.95
		Too clayey	0.95				
		Carbonate content	0.97				
		Water erosion	0.99				
Fy:							
Fossum	90	Poor		Not Rated		Poor	
		Too sandy	0.00	Depth to saturated zone	0.00	Too sandy	0.00
		Low content of organic matter	0.12			Depth to saturated zone	0.00
		Droughty	0.82				
Ga:							
Gardena	85	Fair		Not Rated		Good	
		Water erosion	0.90				
Gc:							
Gardena	60	Fair		Not Rated		Good	
		Water erosion	0.90				
Glyndon	30	Fair		Not Rated		Fair	
		Carbonate content	0.32	Depth to saturated zone	0.76	Carbonate content	0.32
		Water erosion	0.90			Depth to saturated zone	0.76

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Gh:							
Gardena	50	Fair		Not Rated		Good	
		Water erosion	0.90				
Turton	30	Poor		Not Rated		Poor	
		Sodium content	0.00	Shrink-swell	0.99	Sodium content	0.00
		Too alkaline	0.00			Salinity	0.00
		Low content of organic matter	0.50				
		Salinity	0.88				
		Carbonate content	0.92				
		Water erosion	0.99				
Gm:							
Glyndon	85	Fair		Not Rated		Fair	
		Carbonate content	0.32	Depth to saturated zone	0.76	Carbonate content	0.32
		Water erosion	0.90			Depth to saturated zone	0.76
Gn:							
Glyndon	85	Fair		Not Rated		Fair	
		Carbonate content	0.32	Depth to saturated zone	0.76	Carbonate content	0.32
		Water erosion	0.90			Depth to saturated zone	0.76
GrA:							
Great Bend	90	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Carbonate content	0.97
		Water erosion	0.90				
		Carbonate content	0.97				
GsB:							
Great Bend	50	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Carbonate content	0.97
		Water erosion	0.90				
		Carbonate content	0.97				
Beotia	45	Fair		Not Rated		Fair	
		Carbonate content	0.92	Shrink-swell	0.89	Carbonate content	0.92
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GtA:							
Great Bend	50	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Carbonate content	0.97
		Water erosion	0.90				
		Carbonate content	0.97				
Putney	30	Fair		Not Rated		Poor	
		Salinity	0.50			Salinity	0.00
		Carbonate content	0.68			Carbonate content	0.92
		Water erosion	0.90				
GyB:							
Great Bend	65	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Carbonate content	0.97
		Water erosion	0.90				
		Carbonate content	0.97				
Zell	25	Fair		Not Rated		Good	
		Low content of organic matter	0.12				
		Water erosion	0.90				
		Carbonate content	0.97				
GyC:							
Great Bend	65	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Carbonate content	0.97
		Water erosion	0.90				
		Carbonate content	0.97				
Zell	25	Fair		Not Rated		Good	
		Low content of organic matter	0.12				
		Water erosion	0.90				
		Carbonate content	0.97				
GzC:							
Great Bend	40	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Carbonate content	0.97
		Water erosion	0.90				
		Carbonate content	0.97				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Zell	30	Fair		Not Rated		Good	
		Low content of organic matter	0.12				
		Water erosion	0.90				
		Carbonate content	0.97				
Huffton	20	Fair		Not Rated		Poor	
		Low content of organic matter	0.12			Salinity	0.00
		Carbonate content	0.46			Carbonate content	0.46
		Salinity	0.88			Sodium content	0.90
		Water erosion	0.90				
		Sodium content	0.90				
Ha:							
Hamar	85	Poor		Not Rated		Poor	
		Too sandy	0.00	Depth to saturated zone	0.00	Too sandy	0.00
		Wind erosion	0.00			Depth to saturated zone	0.00
		Low content of organic matter	0.12				
		Droughty	0.75				
Hc:							
Hamerly	85	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Carbonate content	0.80
		Carbonate content	0.80	Depth to saturated zone	0.91	Depth to saturated zone	0.91
		Water erosion	0.99				
Hd:							
Hamerly	85	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Carbonate content	0.80
		Carbonate content	0.80	Depth to saturated zone	0.91	Depth to saturated zone	0.91
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hf:							
Hamerly	50	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Carbonate content	0.80
		Carbonate content	0.80	Depth to saturated zone	0.91	Depth to saturated zone	0.91
		Water erosion	0.99				
Tonka	35	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00
Hh:							
Hamerly	45	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Carbonate content	0.80
		Carbonate content	0.80	Depth to saturated zone	0.91	Depth to saturated zone	0.91
		Water erosion	0.99				
Vallers	40	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.46			Carbonate content	0.95
		Water erosion	0.99				
Hm:							
Harmony Variant	85	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.99	Too Clayey	0.00
		Salinity	0.88			Salinity	0.00
Hn:							
Harmony	55	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.59	Too Clayey	0.00
		Low content of organic matter	0.12				
		Water erosion	0.90				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Aberdeen	30	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.80	Too Clayey	0.00
		Low content of organic matter	0.50			Sodium content	0.98
		Water erosion	0.90				
		Sodium content	0.97				
Hp:							
Harmony	55	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.68	Too Clayey	0.00
		Low content of organic matter	0.12				
		Water erosion	0.90				
Beotia	30	Fair		Not Rated		Fair	
		Carbonate content	0.92	Shrink-swell	0.89	Carbonate content	0.92
		Water erosion	0.99				
Hr:							
Harriet	90	Poor		Not Rated		Poor	
		Sodium content	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.46	Shrink-swell	0.84	Sodium content	0.00
		Salinity	0.88			Salinity	0.00
		Low content of organic matter	0.88			Carbonate content	0.46
		Water erosion	0.99				
HtB:							
Hecla	50	Poor		Not Rated		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00				
		Droughty	0.98				
Hamar	35	Poor		Not Rated		Poor	
		Too sandy	0.00	Depth to saturated zone	0.00	Too sandy	0.00
		Wind erosion	0.00			Depth to saturated zone	0.00
		Low content of organic matter	0.12				
		Droughty	0.75				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hx:							
Heil	95	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too clayey	0.50	Shrink-swell	0.12	Salinity	0.00
		Salinity	0.88			Too Clayey	0.29
		Water erosion	0.99				
Ka:							
Koto	85	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Sodium content	0.22	Shrink-swell	0.89	Sodium content	0.22
		Water erosion	0.99				
Kh:							
Koto	60	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Sodium content	0.22	Shrink-swell	0.89	Sodium content	0.22
		Water erosion	0.99				
Harriet	25	Poor		Not Rated		Poor	
		Sodium content	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.46	Shrink-swell	0.84	Sodium content	0.00
		Salinity	0.88			Salinity	0.00
		Low content of organic matter	0.88			Carbonate content	0.46
		Water erosion	0.99				
KkA:							
Kranzburg	45	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Carbonate content	0.92				
		Water erosion	0.99				
Brookings	40	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.91		
		Carbonate content	0.97				
		Water erosion	0.99				

Construction Materials Table 2
Brown County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
KrB:							
Kranzburg	45	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Carbonate content	0.92				
		Water erosion	0.99				
Brookings	25	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.91		
		Carbonate content	0.97				
		Water erosion	0.99				
Buse	15	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.87		
		Carbonate content	0.46				
		Water erosion	0.99				
Kt:							
Kratka	85	Poor		Not Rated		Poor	
		Too sandy	0.00	Depth to saturated zone	0.00	Too sandy	0.00
		Wind erosion	0.00	Shrink-swell	0.99	Depth to saturated zone	0.00
		Low content of organic matter	0.12				
La:							
Ladelle	90	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.92		
Lc:							
Ladelle	90	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.92		
Le:							
Lamoure	85	Fair		Not Rated		Fair	
		Too clayey	0.99	Depth to saturated zone	0.76	Depth to saturated zone	0.76
				Shrink-swell	0.98	Too Clayey	0.99

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Lg:							
La Prairie	85	Fair		Not Rated		Good	
		Carbonate content	0.92	Shrink-swell	0.93		
Lh:							
La Prairie	50	Fair		Not Rated		Good	
		Carbonate content	0.92	Shrink-swell	0.93		
Harriet	30	Poor		Not Rated		Poor	
		Sodium content	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.46	Shrink-swell	0.84	Sodium content	0.00
		Salinity	0.88			Salinity	0.00
		Low content of organic matter	0.88			Carbonate content	0.46
		Water erosion	0.99				
Lm:							
Letcher	35	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Sodium content	0.22
		Sodium content	0.22			Salinity	0.88
Miranda	20	Poor		Not Rated		Poor	
		Sodium content	0.00	Shrink-swell	0.87	Sodium content	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.88			Carbonate content	0.97
		Carbonate content	0.97				
		Water erosion	0.99				
Lu:							
Ludden	85	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
				Shrink-swell	0.12	Depth to saturated zone	0.00
Lw:							
Ludden	90	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
				Shrink-swell	0.12	Depth to saturated zone	0.00

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Lx:							
Ludden----------	45	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
				Shrink-swell	0.12	Depth to saturated zone	0.00
Ludden----------	40	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
				Shrink-swell	0.12	Depth to saturated zone	0.00
Lz:							
Ludden----------	50	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
				Shrink-swell	0.12	Depth to saturated zone	0.00
Water (less Than 40 Acres)----------	40	Not rated		Not rated		Not rated	
M-W:							
Miscellaneous Water-	100	Not rated		Not rated		Not rated	
MaB:							
Maddock----------	35	Poor		Not Rated		Fair	
		Wind erosion	0.00			Too sandy	0.41
		Too sandy	0.41				
		Low content of organic matter	0.88				
Hecla----------	30	Poor		Not Rated		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00				
		Droughty	0.98				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hamar	20	Poor		Not Rated		Poor	
		Too sandy	0.00	Depth to saturated zone	0.00	Too sandy	0.00
		Wind erosion	0.00			Depth to saturated zone	0.00
		Low content of organic matter	0.12				
		Droughty	0.75				
Na:							
Nahon	50	Fair		Not Rated		Poor	
		Too clayey	0.02	Shrink-swell	0.45	Salinity	0.00
		Low content of organic matter	0.12			Too Clayey	0.01
		Salinity	0.88			Sodium content	0.22
		Water erosion	0.90				
		Sodium content	0.97				
Aberdeen	20	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.80	Too Clayey	0.00
		Low content of organic matter	0.50			Sodium content	0.98
		Water erosion	0.90				
		Sodium content	0.97				
Exline	15	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.51	Too Clayey	0.00
		Sodium content	0.00	Depth to saturated zone	0.91	Sodium content	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.88			Depth to saturated zone	0.91
		Water erosion	0.90				
Nc:							
Nahon	50	Fair		Not Rated		Poor	
		Too clayey	0.02	Shrink-swell	0.45	Salinity	0.00
		Low content of organic matter	0.12			Too Clayey	0.01
		Salinity	0.88			Sodium content	0.22
		Water erosion	0.90				
		Sodium content	0.97				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Aberdeen	20	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.80	Too Clayey	0.00
		Low content of organic matter	0.50			Sodium content	0.98
		Water erosion	0.90				
		Sodium content	0.97				
Exline	15	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.79	Too Clayey	0.00
		Sodium content	0.00	Depth to saturated zone	0.91	Sodium content	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.88			Depth to saturated zone	0.91
		Water erosion	0.90				
NeA:							
Niobell	40	Fair		Not Rated		Fair	
		Sodium content	0.22	Shrink-swell	0.51	Sodium content	0.22
		Low content of organic matter	0.50				
		Water erosion	0.99				
Noonan	30	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.66	Sodium content	0.22
		Sodium content	0.22			Too Clayey	0.81
		Carbonate content	0.92				
		Too clayey	0.98				
		Water erosion	0.99				
Williams	20	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				
Ng:							
Nishon	90	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.12	Shrink-swell	0.12	Too Clayey	0.00
		Water erosion	0.90				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Nh:							
Nishon	50	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.12	Shrink-swell	0.12	Too Clayey	0.00
		Water erosion	0.90				
Heil	40	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too clayey	0.50	Shrink-swell	0.12	Salinity	0.00
		Salinity	0.88			Too Clayey	0.29
		Water erosion	0.99				
No:							
Noonan	35	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.66	Sodium content	0.22
		Sodium content	0.22			Too Clayey	0.81
		Carbonate content	0.92				
		Too clayey	0.98				
		Water erosion	0.99				
Niobell	30	Fair		Not Rated		Fair	
		Sodium content	0.22	Shrink-swell	0.51	Sodium content	0.22
		Low content of organic matter	0.50				
		Water erosion	0.99				
Miranda	20	Poor		Not Rated		Poor	
		Sodium content	0.00	Shrink-swell	0.87	Sodium content	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.88			Carbonate content	0.97
		Carbonate content	0.97				
		Water erosion	0.99				
Og:							
Orthents, Loamy	100	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.87		
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ot:							
Orthents, Loamy-----	100	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Slope	0.50	Slope	0.00
		Water erosion	0.99	Shrink-swell	0.87		
Pa:							
Parnell----------	90	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.99	Shrink-swell	0.12	Too Clayey	0.00
Pc:							
Parnell----------	90	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.99	Shrink-swell	0.12	Too Clayey	0.00
PeA:							
Peever----------	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.12		
		Droughty	0.93				
		Water erosion	0.99				
PfB:							
Peever----------	60	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.12		
		Droughty	0.93				
		Water erosion	0.99				
Buse----------	25	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.87		
		Carbonate content	0.46				
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Pg:							
Orthents, Gravelly--	95	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Slope	0.00	Rock fragments	0.00
		Too sandy	0.14			Slope	0.00
		Droughty	0.29			Too sandy	0.14
						Hard to reclaim	0.18
Pm:							
Playmoor----------	85	Fair		Not Rated		Poor	
		Salinity	0.88	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Sodium content	0.97	Shrink-swell	0.87	Salinity	0.00
Pr:							
Playmoor----------	50	Fair		Not Rated		Poor	
		Salinity	0.88	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Sodium content	0.97	Shrink-swell	0.87	Salinity	0.00
Lamoure----------	35	Fair		Not Rated		Poor	
		Too clayey	0.99	Depth to saturated zone	0.00	Depth to saturated zone	0.00
				Shrink-swell	0.98	Too Clayey	0.99
Ra:							
Ranslo----------	85	Fair		Not Rated		Poor	
		Sodium content	0.10	Shrink-swell	0.12	Sodium content	0.00
		Low content of organic matter	0.12	Depth to saturated zone	0.53	Too Clayey	0.44
		Carbonate content	0.46			Carbonate content	0.46
		Too clayey	0.76			Depth to saturated zone	0.53
		Water erosion	0.99			Salinity	0.88
Rc:							
Ranslo----------	45	Fair		Not Rated		Poor	
		Sodium content	0.10	Shrink-swell	0.12	Sodium content	0.00
		Low content of organic matter	0.12	Depth to saturated zone	0.53	Too Clayey	0.44
		Carbonate content	0.46			Carbonate content	0.46
		Too clayey	0.76			Depth to saturated zone	0.53
		Water erosion	0.99			Salinity	0.88

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Harriet	40	Poor		Not Rated		Poor	
		Sodium content	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.46	Shrink-swell	0.84	Sodium content	0.00
		Salinity	0.88			Salinity	0.00
		Low content of organic matter	0.88			Carbonate content	0.46
		Water erosion	0.99				
RfA:							
Renshaw	60	Poor		Not Rated		Poor	
		Too sandy	0.00			Too sandy	0.00
		Low content of organic matter	0.12			Rock fragments	0.00
		Droughty	0.68			Hard to reclaim	0.08
Fordville	25	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Hard to reclaim	0.18
RfB:							
Renshaw	60	Poor		Not Rated		Poor	
		Too sandy	0.00			Too sandy	0.00
		Low content of organic matter	0.12			Rock fragments	0.00
		Droughty	0.68			Hard to reclaim	0.08
Fordville	25	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Hard to reclaim	0.18
Ry:							
Ryan	55	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Salinity	0.88	Shrink-swell	0.12	Depth to saturated zone	0.00
		Water erosion	0.99			Salinity	0.00
Ludden	30	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
				Shrink-swell	0.12	Depth to saturated zone	0.00

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SaD:							
Serden	85	Poor		Not Rated		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00			Slope	0.63
		Low content of organic matter	0.12				
		Droughty	0.15				
ScB:							
Serden	50	Poor		Not Rated		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00				
		Low content of organic matter	0.12				
		Droughty	0.17				
Hamar	15	Poor		Not Rated		Poor	
		Too sandy	0.00	Depth to saturated zone	0.00	Too sandy	0.00
		Wind erosion	0.00			Depth to saturated zone	0.00
		Low content of organic matter	0.12				
		Droughty	0.75				
Venlo	15	Poor		Not Rated		Poor	
		Too sandy	0.00	Depth to saturated zone	0.00	Too sandy	0.00
		Wind erosion	0.00			Depth to saturated zone	0.00
		Low content of organic matter	0.12				
		Droughty	0.96				
Sd:							
Slickspots, Loamy	100	Not rated		Not rated		Not rated	
Sf:							
Spottswood	60	Fair		Not Rated		Poor	
		Low content of organic matter	0.12			Hard to reclaim	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Divide	30	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Depth to saturated zone	0.91	Hard to reclaim	0.18
		Carbonate content	0.32			Carbonate content	0.32
						Depth to saturated zone	0.91
						Rock fragments	0.97
Sh:							
Stirum	85	Fair		Poor		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Salinity	0.00
		Sodium content	0.22			Depth to saturated zone	0.00
		Carbonate content	0.46			Sodium content	0.22
		Salinity	0.97			Carbonate content	0.46
Sn:							
Stirum	45	Fair		Poor		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Salinity	0.00
		Sodium content	0.22			Depth to saturated zone	0.00
		Carbonate content	0.46			Sodium content	0.22
		Salinity	0.97			Carbonate content	0.46
Stirum Variant	40	Poor		Poor		Poor	
		Sodium content	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too alkaline	0.00			Sodium content	0.00
		Low content of organic matter	0.50			Salinity	0.00
		Carbonate content	0.68			Carbonate content	0.68
		Salinity	0.97				
		Water erosion	0.99				
SoA:							
Swenoda	85	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
		Water erosion	0.90				
		Carbonate content	0.92				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
StB:							
Swenoda	50	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
		Water erosion	0.90				
		Carbonate content	0.92				
Embden	35	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
SvA:							
Swenoda	65	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
		Water erosion	0.90				
		Carbonate content	0.92				
Tiffany Variant	25	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90				
SwA:							
Swenoda	45	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
		Water erosion	0.90				
		Carbonate content	0.92				
Turton	35	Poor		Not Rated		Poor	
		Sodium content	0.00	Shrink-swell	0.99	Sodium content	0.00
		Too alkaline	0.00			Salinity	0.00
		Low content of organic matter	0.50				
		Salinity	0.88				
		Carbonate content	0.92				
		Water erosion	0.99				

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Brown County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SxA:							
Swenoda	50	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
		Water erosion	0.90				
		Carbonate content	0.92				
Turton Variant	30	Poor		Not Rated		Poor	
		Sodium content	0.00	Depth to saturated zone	0.53	Sodium content	0.00
		Too alkaline	0.00	Shrink-swell	0.99	Salinity	0.00
		Low content of organic matter	0.50			Depth to saturated zone	0.53
		Salinity	0.88				
		Carbonate content	0.92				
		Water erosion	0.99				
TaB:							
Tally	85	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
TeB:							
Tally	55	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
Letcher	30	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Sodium content	0.22
		Sodium content	0.22			Salinity	0.88
Tk:							
Tonka	90	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00
Tn:							
Tonka	50	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Nishon	40	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.12	Shrink-swell	0.12	Too Clayey	0.00
		Water erosion	0.90				
Tr:							
Towner	50	Poor		Not Rated		Poor	
		Too sandy	0.00	Shrink-swell	0.99	Too sandy	0.00
		Wind erosion	0.00				
		Low content of organic matter	0.12				
		Water erosion	0.90				
		Carbonate content	0.92				
Hecla	35	Poor		Not Rated		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00				
		Droughty	0.98				
Tv:							
Turton	55	Poor		Not Rated		Poor	
		Sodium content	0.00	Shrink-swell	0.99	Sodium content	0.00
		Too alkaline	0.00			Salinity	0.00
		Low content of organic matter	0.50				
		Salinity	0.88				
		Carbonate content	0.92				
		Water erosion	0.99				
Turton Variant	30	Poor		Not Rated		Poor	
		Sodium content	0.00	Depth to saturated zone	0.53	Sodium content	0.00
		Too alkaline	0.00	Shrink-swell	0.99	Salinity	0.00
		Low content of organic matter	0.50			Depth to saturated zone	0.53
		Salinity	0.88				
		Carbonate content	0.92				
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Un:							
Ulen	85	Poor		Not Rated		Poor	
		Too sandy	0.00	Depth to saturated zone	0.53	Too sandy	0.00
		Carbonate content	0.80			Depth to saturated zone	0.53
		Low content of organic matter	0.88			Carbonate content	0.80
		Droughty	0.99				
Us:							
Ulen	60	Poor		Not Rated		Poor	
		Too sandy	0.00	Depth to saturated zone	0.53	Too sandy	0.00
		Carbonate content	0.80			Depth to saturated zone	0.53
		Low content of organic matter	0.88			Carbonate content	0.80
		Droughty	0.99				
Stirum	25	Fair		Poor		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Salinity	0.00
		Sodium content	0.22			Depth to saturated zone	0.00
		Carbonate content	0.46			Sodium content	0.22
		Salinity	0.97			Carbonate content	0.46
Va:							
Vallers	85	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.46			Carbonate content	0.95
		Water erosion	0.99				
Vs:							
Vallers	85	Fair		Not Rated		Poor	
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Salinity	0.00
		Carbonate content	0.80			Depth to saturated zone	0.00
		Salinity	0.88			Carbonate content	0.80
		Sodium content	0.97			Sodium content	0.98
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
VzC:							
Vida	55	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Slope	0.63
		Water erosion	0.99				
Zahl	25	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Slope	0.37
		Water erosion	0.99				
VzE:							
Vida	55	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Shrink-swell	0.87	Slope	0.00
		Water erosion	0.99	Slope	0.92		
Zahl	25	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Slope	0.50	Slope	0.00
		Water erosion	0.99	Shrink-swell	0.87		
W:							
Water	100	Not rated		Not rated		Not rated	
WaB:							
Williams	85	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				
WbA:							
Williams	60	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				
Bowbells	25	Fair		Not Rated		Good	
		Water erosion	0.99	Shrink-swell	0.90		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WbB:							
Williams	60	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				
Bowbells	25	Fair		Not Rated		Good	
		Water erosion	0.99	Shrink-swell	0.90		
WdA:							
Williams	50	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				
Bowbells	20	Fair		Not Rated		Good	
		Water erosion	0.99	Shrink-swell	0.90		
Tonka	15	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00
WdB:							
Williams	50	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				
Bowbells	20	Fair		Not Rated		Good	
		Water erosion	0.99	Shrink-swell	0.90		
Tonka	15	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00
WfA:							
Williams	55	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Cavour	25	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.64	Too Clayey	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.50			Sodium content	0.90
		Sodium content	0.90				
		Carbonate content	0.99				
		Water erosion	0.99				
WfB:							
Williams	55	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				
Cavour	25	Poor		Not Rated		Poor	
		Too clayey	0.00	Shrink-swell	0.64	Too Clayey	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.50			Sodium content	0.90
		Sodium content	0.90				
		Carbonate content	0.99				
		Water erosion	0.99				
WhA:							
Williams	50	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				
Cresbard	20	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.69		
		Sodium content	0.90				
		Water erosion	0.99				
Tonka	15	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WhB:							
Williams	50	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				
Cresbard	20	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.69		
		Sodium content	0.90				
		Water erosion	0.99				
Tonka	15	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00
WnB:							
Williams	55	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				
Niobell	30	Fair		Not Rated		Fair	
		Sodium content	0.22	Shrink-swell	0.51	Sodium content	0.22
		Low content of organic matter	0.50				
		Water erosion	0.99				
WrD:							
Williams	50	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				
Vida	35	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Slope	0.37
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WsC:							
Williams	40	Fair		Not Rated		Good	
		Low content of organic matter	0.50	Shrink-swell	0.87		
		Water erosion	0.99				
Zahl	25	Fair		Not Rated		Good	
		Low content of organic matter	0.12	Shrink-swell	0.87		
		Water erosion	0.99				
Bowbells	20	Fair		Not Rated		Good	
		Water erosion	0.99	Shrink-swell	0.90		
Wt:							
Winship	60	Fair		Not Rated		Fair	
		Water erosion	0.99	Depth to saturated zone	0.91	Depth to saturated zone	0.91
				Shrink-swell	0.97		
Tonka	25	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.52	Too Clayey	0.00
Wy:							
Wyndmere	90	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Depth to saturated zone	0.91	Carbonate content	0.68
		Carbonate content	0.68			Depth to saturated zone	0.91
Wz:							
Wyndmere	50	Fair		Not Rated		Fair	
		Low content of organic matter	0.50	Depth to saturated zone	0.91	Carbonate content	0.68
		Carbonate content	0.68			Depth to saturated zone	0.91

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Stirum	35	Fair		Poor		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Salinity	0.00
		Sodium content	0.22			Depth to saturated zone	0.00
		Carbonate content	0.46			Sodium content	0.22
		Salinity	0.97			Carbonate content	0.46
ZaD:							
Zahl	45	Fair		Not Rated		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Slope	0.96
		Water erosion	0.99				
Embden	25	Fair		Not Rated		Good	
		Low content of organic matter	0.50				
Wabek Variant	15	Poor		Not Rated		Poor	
		Too sandy	0.00	Shrink-swell	0.99	Too sandy	0.00
		Low content of organic matter	0.12			Rock fragments	0.00
		Water erosion	0.99			Slope	0.37
ZdE:							
Zahl	40	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Slope	0.00	Slope	0.00
		Water erosion	0.99	Shrink-swell	0.87		
Kloten	25	Poor		Not Rated		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Depth to bedrock	0.00
		Depth to bedrock	0.00	Slope	0.18	Slope	0.00
				Shrink-swell	0.87		
Edgeley	20	Fair		Not Rated		Poor	
		Droughty	0.35	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.58	No shrink-swell limitation	0.99	Depth to bedrock	0.58
		Water erosion	0.99			Rock fragments	0.97

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ZeA:							
Zell	85	Fair		Not Rated		Good	
		Low content of organic matter	0.12				
		Water erosion	0.90				
		Carbonate content	0.97				
ZgD:							
Zell	55	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Slope	0.92	Slope	0.00
		Water erosion	0.90				
		Carbonate content	0.97				
Great Bend	35	Fair		Not Rated		Fair	
		Low content of organic matter	0.12			Carbonate content	0.97
		Water erosion	0.90				
		Carbonate content	0.97				